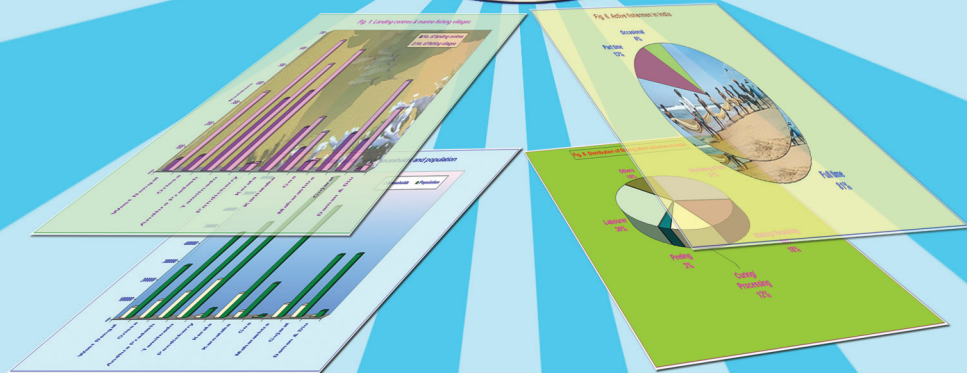




Marine Fisheries Profile India



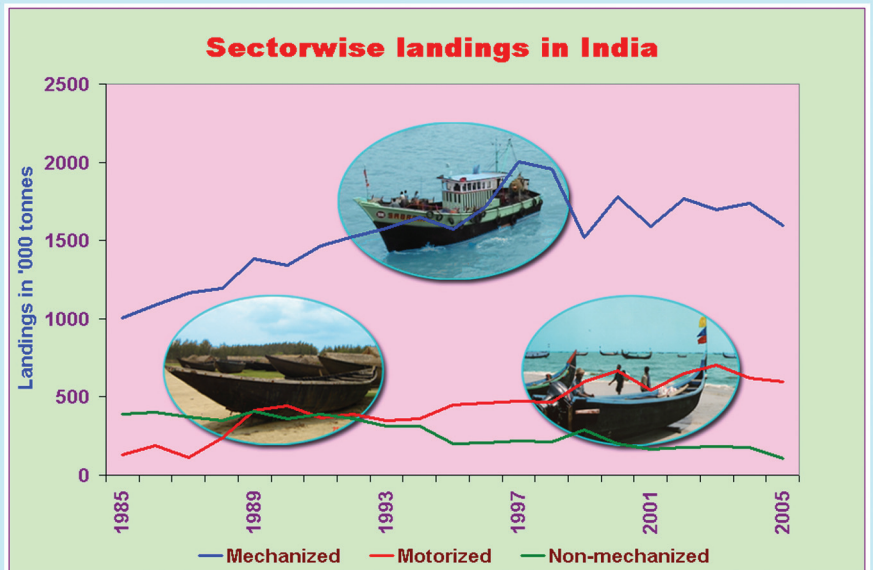
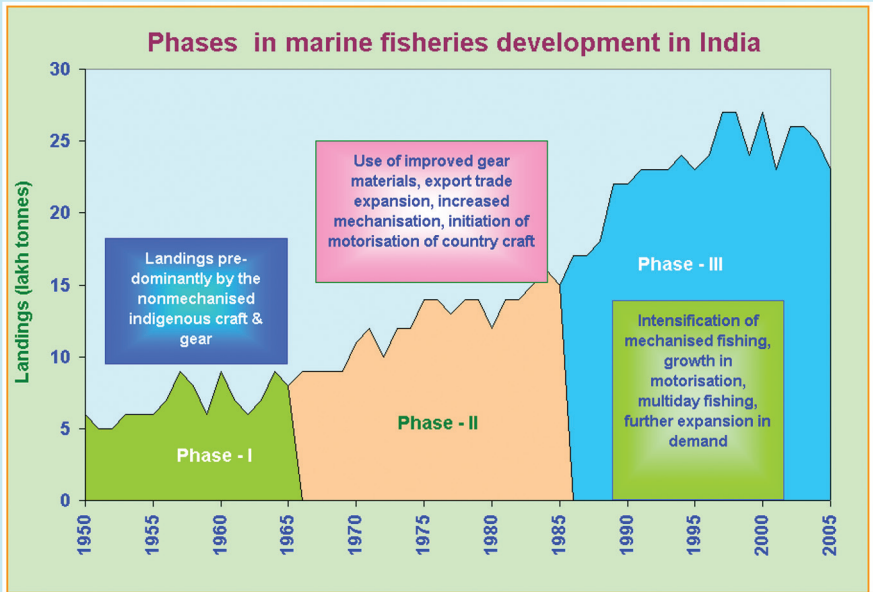
Fishery Resources Assessment Division
Central Marine Fisheries Research Institute
(Indian Council of Agricultural Research)
Cochin

Statistical highlights

Coastal length	8129 km
Landing centres	1332
Fishing villages	3202
Fisherfolk families	756,212
Fisherfolk population	3,519,116
Male	1,806,805
Female	1,712,311
Sex ratio (Females/ 1000 males)	948
Family size	4.65
Education	
Formal education	1,988,159
No education	1,530,957
Active fisherfolk	
Full time	717,999
Part time	117,628
Occasional	53,901
Allied activities	
Male	390,928
Female	365,463
Fishing Crafts	
Mechanized	58,911
Motorized	75,591
Non-motorized	104,270
Fisherfolk families possessing neither craft nor gear	353,121
Total Production in 2005	2.3 million tonnes

Note: All the statistics except the coastal length are excluding island territories.

Development of Fisheries



Total landings - All resources



Average landings (million tonnes)

1961 - 1970	0.83
1971 - 1980	1.26
1981 - 1990	1.71
1991 - 2000	2.44
2001 - 2005	2.49

Maximum landings 2.73 (1997)

Minimum landings 0.64 (1962)

Potential yield 3.93

Current landings 2.30 (2005)

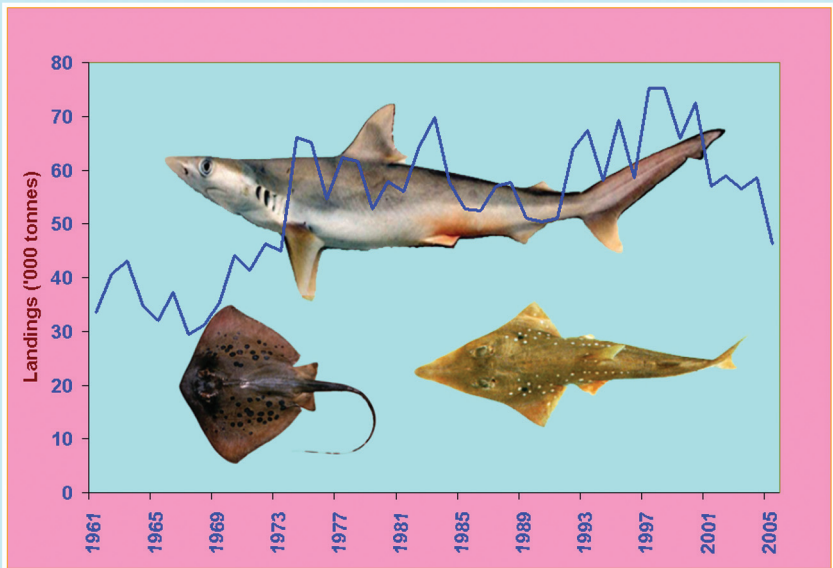
Percentage contribution - regionwise (2001-2005)

Northeast	10.0
Southeast	22.1
Southwest	34.5
Northwest	33.4

Major Gears

Trawl net
Sein net
Gill net
Dolnet/Bagnet
Hooks & lines

Elasmobranchs



Average landings ('000 tonnes)

1961 - 1970	36.14
1971 - 1980	55.29
1981 - 1990	56.95
1991 - 2000	65.73
2001 - 2005	55.50

Maximum landings	75.30 (1997)
Minimum landings	29.38 (1967)
Potential yield	71.00
Current landings	46.33

Percentage contribution - regionwise (2001-2005)

Northeast	8.7
Southeast	39.8
Southwest	11.5
Northwest	40.0

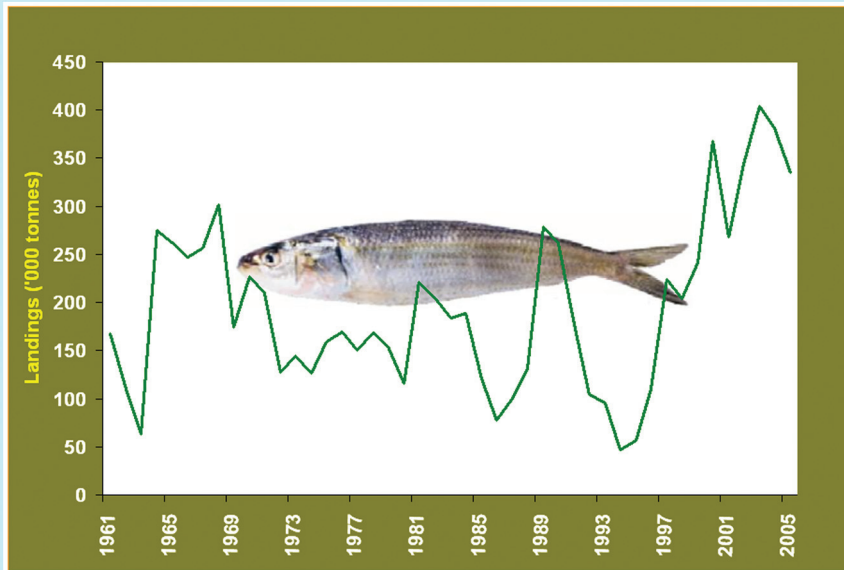
Major Species

Sharks : *Scoliodon laticaudus*, *Rhizoprionodon acutus*, *Carcharhinus sorrah*
 Rays : *Dasyatis bleekeri*, *D. kuhlii*, *Pastinachus sephen*
 Skates : *Rhynchobatus djiddensis*, *Rhinobatos granulatus*

Major Gears

Trawl-net, Gillnet, Hooks & lines

Oil Sardine



Average landings ('000 tonnes)

1961 - 1970	208.42
1971 - 1980	152.43
1981 - 1990	176.85
1991 - 2000	162.63
2001 - 2005	346.43

Maximum landings 403.95 (2003)

Minimum landings 46.81 (1994)

Potential yield 267.00

Current landings 334.86

Percentage contribution - regionwise (2001-2005)

Northeast	0.1
Southeast	13.6
Southwest	84.7
Northwest	1.6

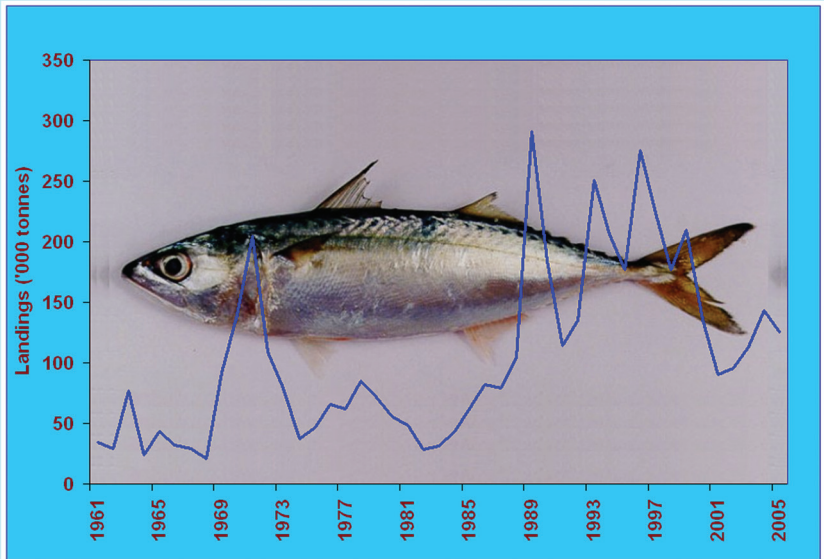
Species

Sardinella longiceps

Major Gears

Seinenets, Gillnet

Mackerel



Average landings ('000 tonnes)

1961 - 1970	52.04
1971 - 1980	81.60
1981 - 1990	95.35
1991 - 2000	190.47
2001 - 2005	113.59

Maximum landings 291.08 (1989)

Minimum landings 20.78 (1968)

Potential yield 295.00

Current landings 125.42

Percentage contribution - regionwise (2001-2005)

Northeast	3.5
Southeast	31.1
Southwest	55.2
Northwest	10.2

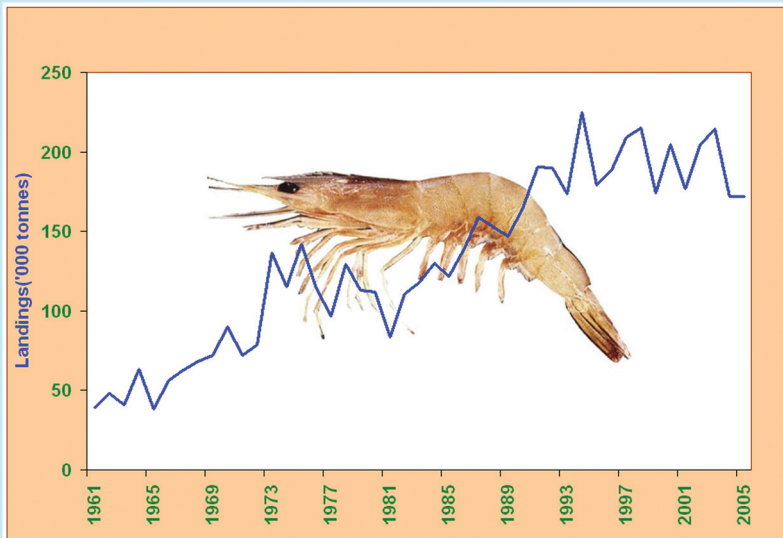
Major Species

Rastrelliger kanagurta, *R. faughni*

Major Gears

Seinenets, Gillnet

Penaeid Prawns



Average landings ('000 tonnes)

1961 - 1970	57.89
1971 - 1980	110.89
1981 - 1990	132.64
1991 - 2000	194.87
2001 - 2005	187.81

Maximum landings 224.90 (1994)

Minimum landings 38.08 (1965)

Potential yield 194.00

Current landings 172.10

Percentage contribution - regionwise (2001-2005)

Northeast	8.9
Southeast	17.6
Southwest	29.1
Northwest	44.4

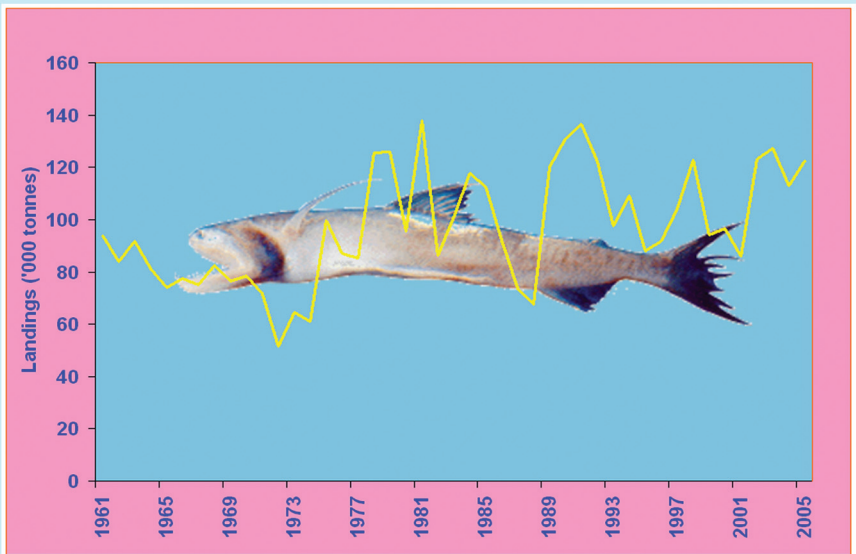
Major Species

Parapenaeopsis styliifera, *Metapenaeus dobsoni*,
M. monoceros, *M. affinis*, *Solenocera crassicornis*, *S. choprai*,
S. indica, *S. hextii*, *Fenneropenaeus indicus*

Major Gears

Trawl net, Dolnet, Trammel net

Bombay Duck



Average landings ('000 tonnes)

1961 - 1970	81.44
1971 - 1980	86.75
1981 - 1990	104.00
1991 - 2000	106.34
2001 - 2005	114.32

Maximum landings 137.79 (1981)

Minimum landings 51.57 (1972)

Potential yield 116.00

Current landings 122.35

Percentage contribution - regionwise (2001-2005)

Northeast	28.7
Southeast	1.6
Southwest	0.0
Northwest	69.7

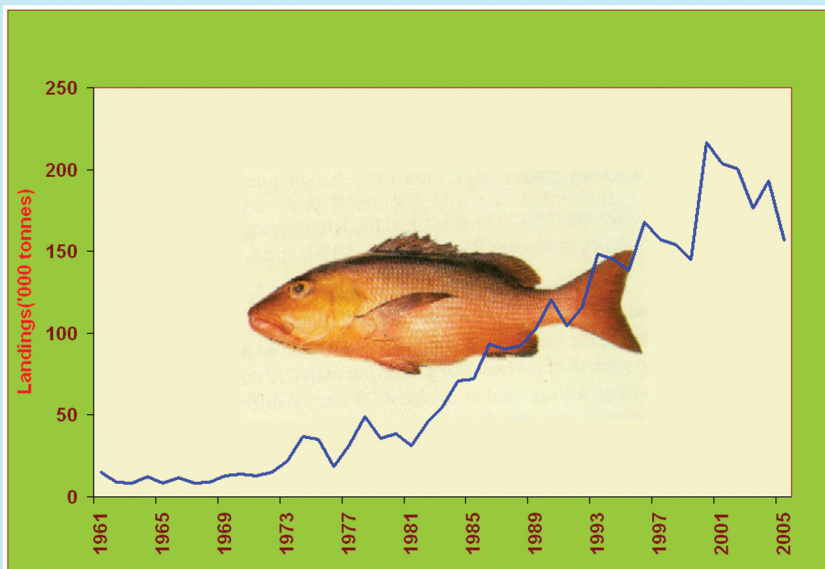
Species

Harpadon nehereus, *H. squamosis*

Major Gears

Dolnet/Bagnet, Trawl-net

Perches



Average landings ('000 tonnes)

1961 - 1970	10.96
1971 - 1980	29.53
1981 - 1990	77.36
1991 - 2000	149.25
2001 - 2005	186.00

Maximum landings 216.28 (2000)

Minimum landings 8.27 (1967)

Potential yield 227.00

Current landings 156.75

Percentage contribution - regionwise (2001-2005)

Northeast	1.8
Southeast	21.4
Southwest	43.9
Northwest	32.9

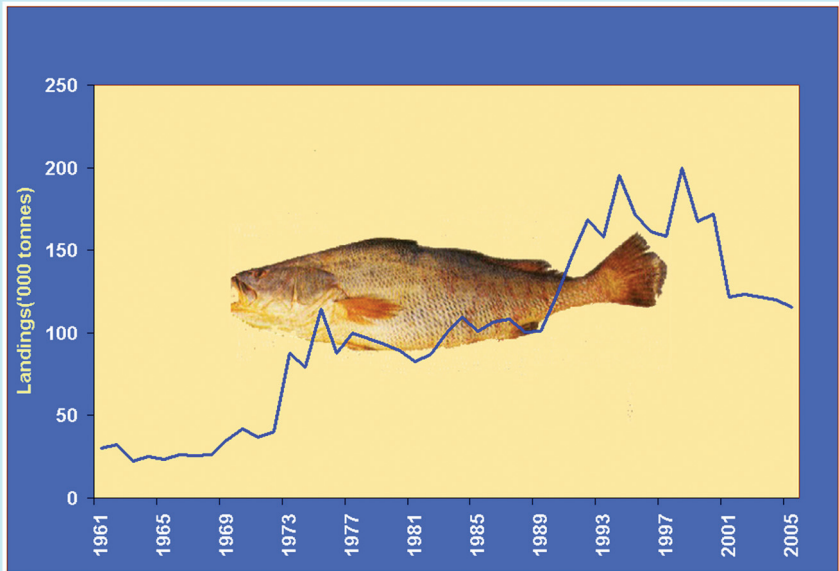
Major Species

Nemipterus japonicus, *N. mesoprius*, *Epinephelus diacanthus*

Major Gears

Trawl net, Gillnet, Hooks & lines

Croakers



Average landings ('000 tonnes)

1961 - 1970	28.87
1971 - 1980	82.48
1981 - 1990	101.92
1991 - 2000	169.86
2001 - 2005	120.41

Maximum landings 199.95 (1998)

Minimum landings 22.57 (1963)

Potential yield 273.00

Current landings 115.54

Percentage contribution - regionwise (2001-2005)

Northeast	20.4
Southeast	13.4
Southwest	9.1
Northwest	57.1

Major Species

Otolithoides biauritus, *Protonibea diacanthus*, *Johnius carutta*,
Otolithes argenteus, *O. ruber*

Major Gears

Trawl net, Dolnet, Gillnet

Ribbonfishes



Average landings ('000 tonnes)

1961 - 1970	28.33
1971 - 1980	57.32
1981 - 1990	65.28
1991 - 2000	121.27
2001 - 2005	153.38

Maximum landings 197.11 (2002)

Minimum landings 16.45 (1963)

Potential yield 194.00

Current landings 114.12

Percentage contribution - regionwise (2001-2005)

Northeast	9.1
Southeast	10.2
Southwest	20.3
Northwest	60.3

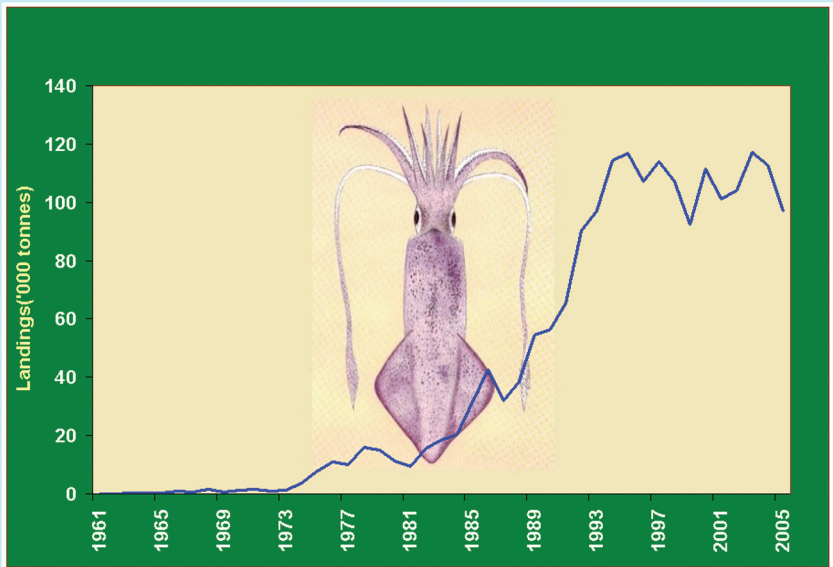
Major Species

Trichiurus lepturus, *Lepturacanthus savala*,
Eupleurogrammus intermedius, *E. muticus*

Major Gears

Trawl-net, Dolnet, Gillnet, Seinenets

Cephalopods



Average landings ('000 tonnes)

1961 - 1970	0.61
1971 - 1980	7.86
1981 - 1990	31.96
1991 - 2000	101.58
2001 - 2005	106.47

Maximum landings 117.28 (2003)

Minimum landings 0.09 (1961)

Potential yield 101.00

Current landings 97.07

Percentage contribution - regionwise (2001-2005)

Northeast	1.5
Southeast	13.7
Southwest	38.9
Northwest	45.9

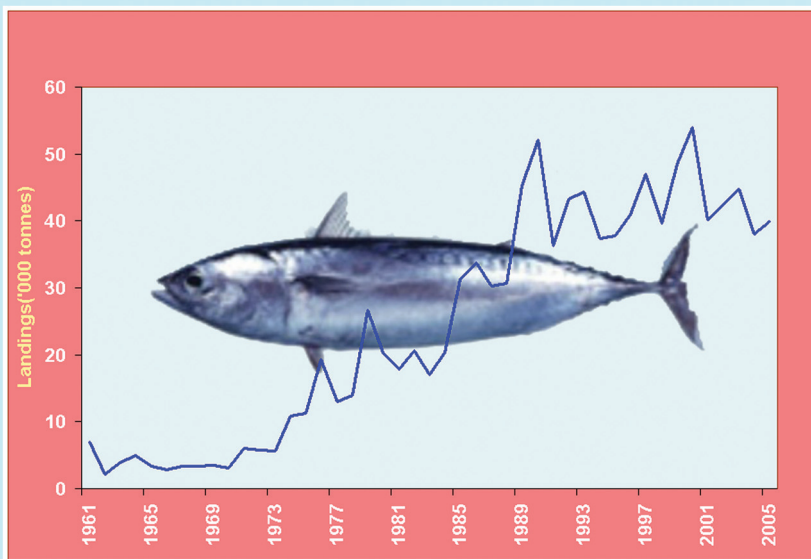
Major Species

Loligo duvauceli, *Sepia aculeata*, *S. pharaonis*

Major Gears

Trawl-net

Tunas



Average landings ('000 tonnes)

1961 - 1970	3.73
1971 - 1980	13.28
1981 - 1990	29.90
1991 - 2000	42.91
2001 - 2005	41.06

Maximum landings 54.01 (2000)

Minimum landings 2.16 (1962)

Potential yield 65.00

Current landings 39.93

Percentage contribution - regionwise (2001-2005)

Northeast	0.8
Southeast	21.9
Southwest	55.8
Northwest	21.5

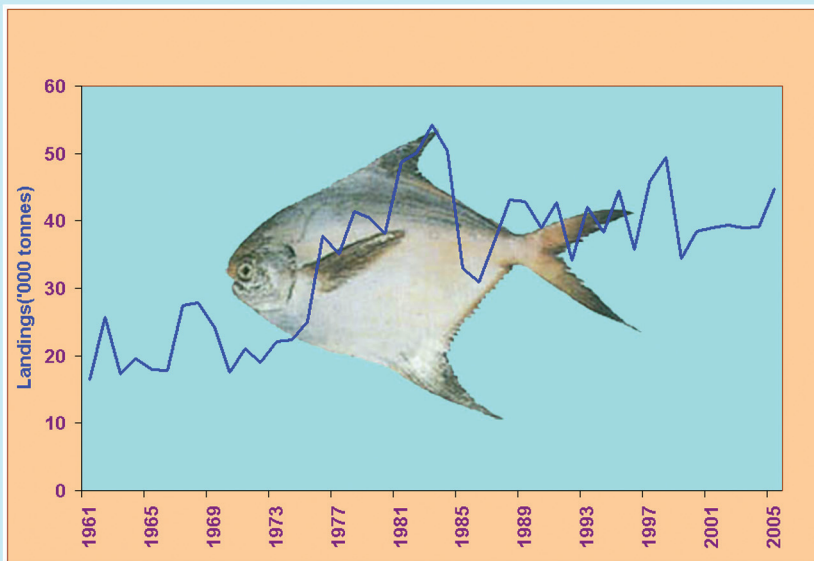
Major Species

Euthynnus affinis, *Auxis thazard*, *A. rochei*, *Katsuwonus pelamis*
Thunnus tonggol, *T. albacares*

Major Gears

Gillnet, Hooks & lines, Seinenets

Pomfrets



Average landings ('000 tonnes)

1961 - 1970	21.19
1971 - 1980	30.24
1981 - 1990	42.93
1991 - 2000	40.57
2001 - 2005	40.22

Maximum landings 54.27 (1983)

Minimum landings 16.49 (1961)

Potential yield 46.00

Current landings 44.78

Percentage contribution - regionwise (2001-2005)

Northeast	32.2
Southeast	21.1
Southwest	7.6
Northwest	39.1

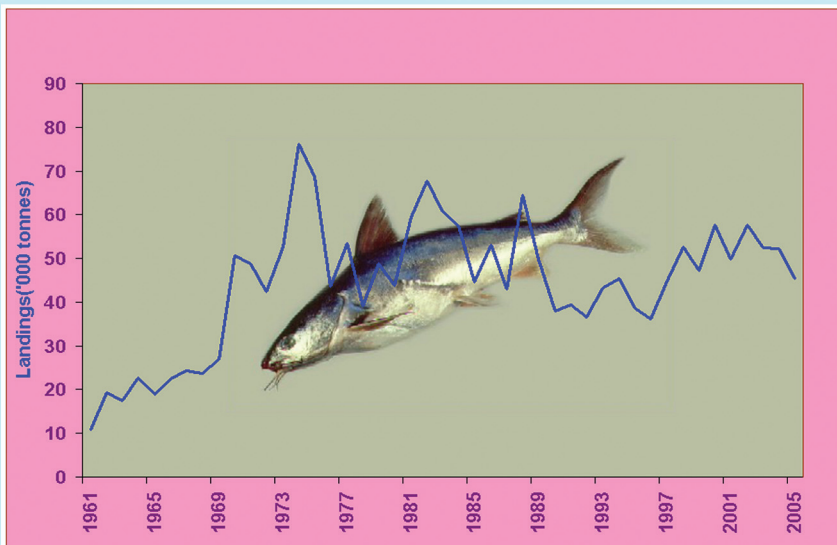
Major Species

Pampus argenteus, *Parastromateus niger*, *P. chinensis*

Major Gears

Gillnet, Trawl-net

Catfishes



Average landings ('000 tonnes)

1961 - 1970	23.76
1971 - 1980	51.77
1981 - 1990	53.77
1991 - 2000	44.13
2001 - 2005	51.55

Maximum landings 76.20 (1974)

Minimum landings 10.93 (1961)

Potential yield 51.00

Current landings 45.42

Percentage contribution - regionwise (2001-2005)

Northeast	26.2
Southeast	13.0
Southwest	1.7
Northwest	59.1

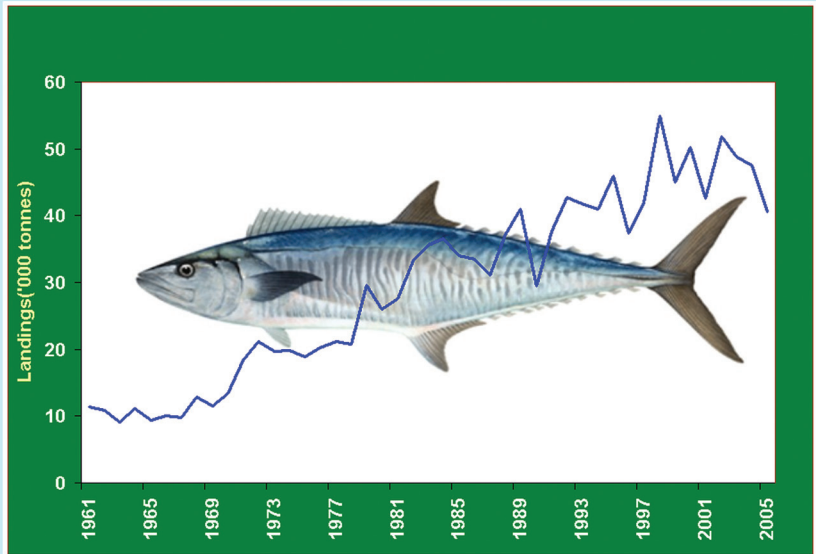
Major Species

Tachysurus thalassinus, *T. tenuispinis*, *T. jella*

Major Gears

Trawl-net, Gill-net

Seerfishes



Average landings ('000 tonnes)

1961 - 1970	10.96
1971 - 1980	21.56
1981 - 1990	33.90
1991 - 2000	43.85
2001 - 2005	46.12

Maximum landings 54.88 (1998)

Minimum landings 9.09 (1963)

Potential yield 62.00

Current landings 40.58

Percentage contribution - regionwise (2001-2005)

Northeast	8.2
Southeast	29.5
Southwest	27.3
Northwest	35.0

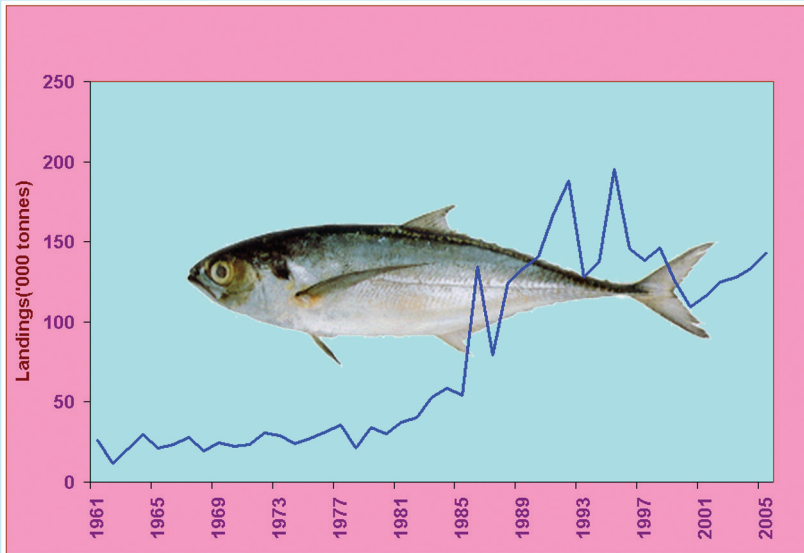
Major Species

Scomberomorus commerson, *S. guttatus*, *S. lineolatus*
Acanthocybium solandri

Major Gears

Gillnet, Trawl-net, Hooks & lines

Carangids



Average landings ('000 tonnes)

1961 - 1970	22.80
1971 - 1980	28.72
1981 - 1990	85.54
1991 - 2000	148.08
2001 - 2005	128.94

Maximum landings 195.35 (1995)

Minimum landings 11.84 (1962)

Potential yield 238.00

Current landings 142.96

Percentage contribution - regionwise (2001-2005)

Northeast	6.4
Southeast	27.0
Southwest	47.1
Northwest	19.5

Major Species

Megalaspis cordyla, *Caranx ignobilis*, *C. malabaricus*,
Decapterus russelli, *D. dayi*, *D. macrosoma*, *Selar crumenophthalmus*

Major Gears

Trawl net, Seinenets, Gillnet

Major fish landing centres in India





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